



BOM - EVB-USB2517

Evaluation Platform, USB2517 (QFN64 package)

Revision A

Revised: 20080929

Item	Qty	Qty Pop'd	Reference Designator	Description	Manufacturer	Manufacturer Part Number	Notes
1	19	19	C1,C2,C3,C4,C5,C11,C12,C14,C18,C19,C20,C21,C25,C26,C29,C31,C33,C34,C36	Capacitor, 0.1uF, 6.3V, 10%, X5R, 0402	Panasonic	ECJ-0EB1A104K	
2	7	7	C6,C7,C8,C9,C30,C32,C35	Capacitor, Low ESR, 100uF, 6.3VDC, 20%, Aluminum, Radial-SMT, 5mm x 5.8mm	United Chemi-Con	EMZA6R3ADA101ME61G	
3	5	5	C10,C13,C17,C22,C23	Capacitor, 1.0uF, 16VDC, 10%, X5R, 0603	Panasonic	ECJ-1VB1C105K	
4	2	2	C15,C16	Capacitor, 33pF, 25V, 10%, NPO, 0402	Panasonic ECG	ECJ-0EC1H330J	
5	2	2	C24,C28	Capacitor, Low ESR, 10uF, 16VDC, 10%, Tantalum, EIA-B	Kemet	B45190E3106K209	
6	1	1	C27	Capacitor, 4.7uF, 6.3VDC, 20%, X5R, 0603	Panasonic	ECJ-1VB0J475M	
7	1	1	J0	Receptacle, USB, Style B, Right Angle, Through-hole	AMP	292304-1	
8	7	7	J1,J2,J3,J4,J5,J6,J7	Receptacle, USB, Style A, Right Angle, Through-hole	Assmann	AU-Y1005-R	
9	1	1	J8	Connector, Power Jack, 2.0mm, 12V, 4A, Right Angle, TH	Cui Stack	PJ-002AH	
10	8	8	LED1,LED2,LED3,LED4,LED13,LED22,LED23,LED24	LED, Green, 0603	Stanley Electric	BG1111C-TR	
11	7	7	LED5,LED6,LED7,LED8,LED19,LED20,LED21	LED, Yellow, 0603	Stanley Electric	AY1111C-TR	
13	1	1	LED14	LED, Red, 0603	Stanley Electric	BR1111C-TR	
15	17	17	R1,R2,R3,R4,R5,R6,R7,R8,R9,R20,R24,R31,R32,R33,R34,R36,R37	Resistor, 330, 5%, 1/16W, 0603	Yageo America	9C06031A3300JLHFT	
17	1	1	R14	Resistor, 12.0K, 1%, 1/16W, 0603	Yageo America	9C06031A1202FKHFT	
18	1	1	R15	Resistor, 10K, 5%, 1/16W, 0603	Yageo America	9C06031A1002JLHFT	
20	3	3	R17,R18,R23	Resistor, 100K, 5%, 1/16W, 0603	Yageo America	9C06031A1003JLHFT	
21	1	1	R19	Resistor, 1Meg, 5%, 1/16W, 0603	Yageo America	9C06031A1004JLHFT	
22	4	4	R21,R22,R25,R28	Resistor, 10K, 5%, 1/16W, 0603	Yageo America	9C06031A1002JLHFT	
23	1	1	R26	Resistor, 100K, 5%, 1/16W, 0603	Yageo America	9C06031A1003JLHFT	
25	1	1	SKT3	Socket, IC, 8 Pin DIP, Leaf Contacts, Through Hole	Assmann	A08-LC-TT-R	Install at U5 for EEPROM Option
28	4	4	U1,U2,U6,U7	IC, MIC2026-1BM, Power Distribution Switch, SO-8	Micrel	MIC2026-1BM	
29	1	1	U3	IC, USB2517, 7 Port USB 2.0 Hub, QFN-64	SMSC	USB2517	
30	1	1	U4	IC, LT1086-3.3, 3.3V, 1.5A, Low Dropout Regulator, DDPK	Linear Technology	LT1086CM-3.3	
32	1	1	Y1	Crystal, 24.000MHz, 50ppm, 18pF, HC-49	Citizen America	HC49US24.000MABJ	
33	4	4		Foot, Silicone Rubber, Adhesive, Clear, Cylindrical, .375"x.190"	Richco	RBS-35	
34	1	1	PCB Fab	PCB, Untouchables (EVB-USB2517), Rev. A		EVB-USB2517_A	
31	1	0	U5	IC, AT24C02B, 2 Wire Serial EPROM, 2Kb, 1.8V, DIP-8	Atmel	AT24C02B-PU	EEPROM Option -- Do Not Populate